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TITLE : COLORING METHOD FOR LUMBER

ABSTRACT : PURPOSE: To impart light resistance and flaw resistance and to enhance the value added by coloring lumber by both water-soluble dyestuff and water dispersion pigment.

CONSTITUTION: Lumber is held in a state of block or worked into chips. Then lumber is coated with both the aq. soln. of dyestuff and the aq. soln. of moisture dispersion type pigment or immersed in these aq. solns. and then dried. Thereafter, in the case of chips, these are coated with a urethane-based adhesive, agitated and introduced into a formwork and worked. Thereby chips are laminated and utilized as a particle board and MDF, etc. In such a way, lumber is colored by dyestuff and pigment and therefore light resistance is secured by pigment and flaw resistance of the colored part is secured by dyestuff. Furthermore, lumber is colored by both water-soluble dyestuff and moisture dispersion type pigment and therefore a coloring stage is not complicated regardless of complexing dyestuff and pigment.

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